

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

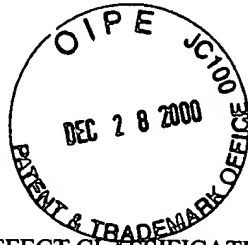
In re Application of

Ariel Ben-Porath, et al.

Serial No.: 09/111,454

Filed: July 08, 1998

For: AUTOMATIC DEFECT CLASSIFICATION WITH INVARIANT CORE CLASSES



Group Art Unit: 2723

Examiner: V. Bali

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Technology Center 2600

THE COMMISSIONER FOR PATENTS AND TRADEMARKS  
Washington, DC 20231

Dear Sir:

Transmitted herewith is an Amendment in the above identified application.

- ☐ No additional fee is required.
- ☐ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☐ Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	55	60	0	\$18.00 =	\$0.00
Independent Claims	8	8	0	\$80.00 =	\$0.00
Multiple claims newly presented					\$0.00
Fee for extension of time					\$890.00
					\$0.00
Total of Above Calculations					\$890.00

- ☒ Please charge my Deposit Account No. 500417 in the amount of \$890.00. An additional copy of this transmittal sheet is submitted herewith.
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 500417, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

MCDERMOTT, WILL &amp; EMERY

Michael A. Messina  
Registration No. 33,424

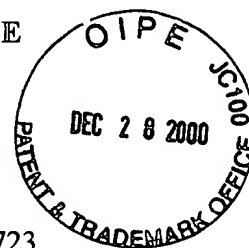
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Date: December 28, 2000  
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# 12/A ED  
1-6-01

Docket No.: 49959-013

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of

Ariel Ben-Porath, et al.

Serial No. 09/111,454

Filed: June 29, 2000

For: AUTOMATIC DEFECT CLASSIFICATION WITH INVARIANT CORE  
CLASSES

Group Art Unit: 2723

Examiner: V. Bali

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AMENDMENT

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir:

The following amendment and remarks are submitted in response to the Office

Action mailed June 29, 2000.

IN THE CLAIMS:

Please cancel claims 4, 5, 21, 22 and 39 without prejudice or disclaimer.

300 71. (Amended) A method of automatically classifying defects [a defect] on the  
surface of an article, which method comprises at least:

imaging the surface; [and]

classifying each of the defects [the defect] as being in one of a predetermined number  
of invariant core classes of defects;

determining a total number of defects in each of the core classes; and